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(54) A display medium

(57) Bichromal balls (15) have two hemispheres, typically one black and one white, each having different electrical properties. Each ball (15) is enclosed within a spherical shell and then a space between the ball and shell is filled with a liquid (14) to form a microsphere so

that the ball is free to rotate in response to an electrical field. The microspheres can then be mixed into a substrate which can be formed into sheets or can be applied to any kind of surface. The result is a film which can form an image from an applied electrical field.

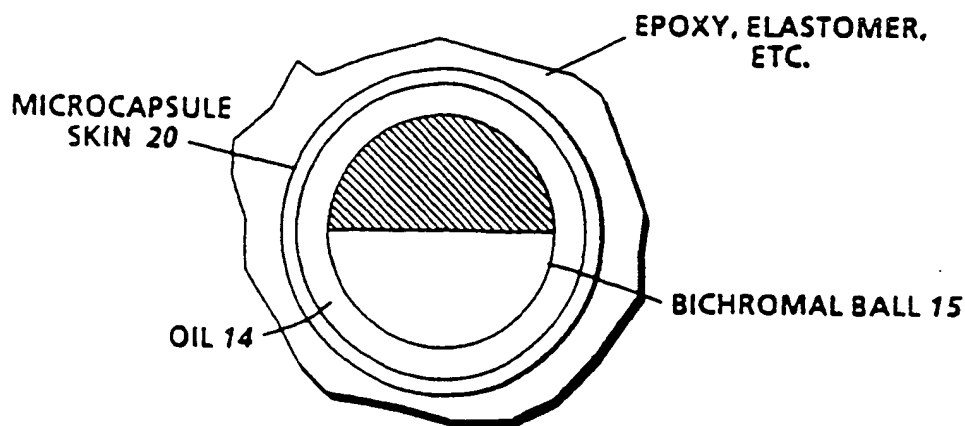


FIG. 4

EP 0 721 176 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 0044

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CL.6)
X,D	US-A-4 143 103 (XEROX CORPORATION) 6 March 1979 * column 2, line 48-68 *	9,10	G09F9/37
A	* column 2, line 15-68 *	1-8	
X,D	US-A-4 126 854 (XEROX CORPORATION) 21 November 1978 * column 2, line 55 - column 3, line 3 *	9,10	
A	* column 2, line 22 - column 3, line 3 *	1-8	
A,D	PROCEEDINGS OF THE SID, vol. 23/4, 1982, pages 249-253, XP002011486 SAITOH ET AL.: "A Newly Developed Electrical Twisting Ball Display" * page 251, paragraph C *	1-10	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. CL.6)
			G09F
Place of search MUNICH		Date of completion of the search 23 August 1996	Examiner Daintith, N
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			

EPF FORM 1501 (02/92) (P4000)